CONFIDENTIAL

MEMORANDUM FOR: Director of Communications

FROM: James H. McDonald
                 Director of Logistics

SUBJECT: Satellite Communications Requirements ☐   25X1
                                                                  25X1A

    25X1

    1. ☐ In response to an oral query from of your office concerning our satellite communications require-ments in the time frame 1982-1987, we have determined that there are two activities that could be greatly improved by rapid data transmission from the field; i.e., requisitioning and real estate transactions.

    25X1

    2. ☐ In the requisitioning area, we have assumed that by 1982 our supply system will require requisitions by single line item which would permit automatic processing in our Inventory Control System.

    25X1A
    25X1

    25X1

The type of service required would be part-time and on-call; the data rate would be 2400 bits per second; the service would be needed primarily from overseas to Headquarters and would require daily usage of 30 minutes or less. Of course, certain customer requisition status information (Headquarters to overseas) would also require service via satellite, and this would cause the daily usage rate to vary slightly.

    25X1

    3. ☐ In the real estate area, we envisage an automated real property system which will record acquisitions and disposals, whether the property is leased, owned, or assigned; and occupancy changes. All stations would be transmitting data but only when changes occurred. At the large stations, this could take 1 to 2 hours a month; while at the small stations, it might take only 20 minutes in a whole year. The data rate would be ~~T-1 (1.544 million~~ 1½ oo bits per second)~~ or successor standard~~. Service would be required both ways for the large stations but only from the field to Headquarters for the small stations.

                                                 James H. McDonald

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CONFIDENTIAL

    25X1

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DIRECTOR of LOGISTICS

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Requirements (u)

25X1
25X1A

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25X1

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25X1

3. ☐ In the real estate area, we envisage an automated real property system which will record acquisitions and disposals, whether the property is leased, owned, or assigned, and occupancy changes. Approximately all stations would be transmitting data, but only when changes occurred. At the large stations could take 1 to 2 hours a month, while at small stations, it might take only 20 minutes in a whole year. The data rate would be T-1 (1.544 million bits per second) or successor standard. Service would be required both ways for the large stations but only from the field to Headquarters for the small stations.

Joe: Last part of 9 #1

What about notification to field on delay, substitutions, shipments etc.?

What is BAUD?
(Bits per second)
(Line speed)